

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Solano County Public Works Mellin Levee**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Solano County Public Works Mellin Levee**

Waterway			Bank	Unit Miles
Unit No. 01 Mellin Levee			Right	0.59
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/5/2012 - 4/5/2012			
DWR Inspector	Richard Willoughby			
Accompanied By	Thomas Pate Solano County Water Agency			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Solano County Public Works Mellin Levee**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee				Right	0.59	04/05/2012 04/05/2012	Richard Willoughby

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	6
DWR ID: DWR_NA0012_01_s_2012_6										
2	0.00	0.00	Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	7
DWR ID: DWR_NA0012_01_s_2012_7										
3	0.00	0.00	Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	9
DWR ID: DWR_NA0012_01_s_2012_9										
4	0.00	0.00	Earthen Levee	Vegetation	WS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo on waterside slope	38.174051 ° -121.674220 °	38.174051 ° -121.674221 °	1 Y
DWR ID: DWR_NA0012_01_s_2012_1										
5	0.00	0.59	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M Ma	C1 : Keep the crown roadway free of vegetation.	38.174167 ° -121.674312 °	38.178960 ° -121.680600 °	2
DWR ID: DWR_NA0012_01_s_2012_2										
6	0.00	0.59	Earthen Levee	Encroachments	WS	M En	FE : Fences	38.174167 ° -121.674312 °	38.178960 ° -121.680600 °	3 Y
DWR ID: DWR_NA0012_01_s_2012_3										
7	0.04	0.04	Earthen Levee	Encroachments	LS	M Ma	AV : Abandoned vehicles	38.174470 ° -121.674730 °	38.174470 ° -121.674730 °	8 Y
DWR ID: DWR_NA0012_01_s_2012_8										
8	0.10	0.28	Earthen Levee	Encroachments	LS	M En	FE : Fences	38.175115 ° -121.675463 °	38.176805 ° -121.677893 °	4
DWR ID: DWR_NA0012_01_s_2012_4										
9	0.59	0.59	Earthen Levee	Encroachments	WS	M En	FE : Fences Inspector Comments: Animal corral.	38.180012 ° -121.681943 °	38.180012 ° -121.681943 °	5
DWR ID: DWR_NA0012_01_s_2012_5										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Solano County Public Works Mellin Levee**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	04/05/2012 04/05/2012	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking northeast at bamboo on waterside at the entrance to levee.

richard\_s\_20120313\_129.jpg



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking west at bamboo on waterside slope.

richard\_s\_20120313\_130.jpg



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Fence along the waterside shoulder.

richard\_s\_20120313\_131.jpg



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Unit No. 01 Mellin Levee	Right	0.59	04/05/2012 04/05/2012	Richard Willoughby

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Looking west at fence along waterside shoulder.	
richard_s_20120313_132.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.04
End Levee Mile	0.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Looking south at crushed vehicles at landside toe.(Spring 2012)	
richard_s_20120507_135.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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